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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/057,937	01/29/2002	Yutaka Iyoki	P21953	3791

7055 7590 08/22/2005

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RESTON, VA 20191

EXAMINER

SERRAO, RANODHI N

ART UNIT	PAPER NUMBER
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2141

DATE MAILED: 08/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/057,937

Applicant(s)

IYOKI, YUTAKA

Examiner

Ranodhi Serrao

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 03 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 15-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 15-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 15-21 have been considered but are moot in view of the new ground(s) of rejection.
2. Applicant argued in substance the newly added claims 15-21. The new grounds teach these features. (See below).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 15-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shima (2002/0004802) and Tomat (6,459,499).
5. As per claims 15, 20, and 21, Shima teaches an interface configured to be connected to a scanner apparatus via a network (see Shima, paragraph 0024). But fails to teach a memory configured to store a plurality of information indicating a plurality of file types and a plurality of application programs associated with the plurality of the file types, each of the plurality of the application programs being utilized for opening a document file associated with each of the plurality of the file types; and a controller configured to: receive, from the scanner apparatus, a control file including a file name; receive, from the scanner apparatus, a document file, the document file including image

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data scanned by the scanner apparatus; analyze the file name included in the received control file to obtain the file type of the received document file; and start the application program associated with the obtained file type to open the received document file.

However, Tomat teaches a memory configured to store a plurality of information indicating a plurality of file types (see Tomat, col. 10, lines 25-34) and a plurality of application programs associated with the plurality of the file types, each of the plurality of the application programs being utilized for opening a document file associated with each of the plurality of the file types (see Tomat, col. 14, lines 13-34); and a controller configured to: receive, from the scanner apparatus, a control file including a file name (see Tomat, col. 8, lines 20-28); receive, from the scanner apparatus, a document file, the document file including image data scanned by the scanner apparatus (see Tomat, col. 4, lines 6-10); analyze the file name included in the received control file to obtain the file type of the received document file (see Tomat, col. 14, lines 13-34); and start the application program associated with the obtained file type to open the received document file (see Tomat, col. 11, lines 45-58). It would have been obvious to one having ordinary skill in the art at the time of the invention to modify Shima to a memory configured to store a plurality of information indicating a plurality of file types and a plurality of application programs associated with the plurality of the file types, each of the plurality of the application programs being utilized for opening a document file associated with each of the plurality of the file types; and a controller configured to: receive, from the scanner apparatus, a control file including a file name; receive, from the scanner apparatus, a document file, the document file including image data scanned

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by the scanner apparatus; analyze the file name included in the received control file to obtain the file type of the received document file; and start the application program associated with the obtained file type to open the received document file in order to provide a system for scanning a document and sending a corresponding image file to a remote recipient using a software autosend utility that accesses predefined profiles of potential recipients (see Tomat, col. 2, lines 11-26).

6. As per claims 16-19, the above-mentioned motivation of claim 15 applies fully in order to combine Shima and Tomat.

7. As per claim 16, Shima and Tomat teach a terminal apparatus, wherein the controller receives, from the scanner apparatus, the control file and the document file, according to a Lpr/Lpd protocol (see Shima, paragraph 0167).

8. As per claim 17, Shima and Tomat teach a terminal apparatus, wherein the controller displays the image data included in the document file on a display of the terminal apparatus, in the form of thumbnail (see Shima, paragraph 0169).

9. As per claim 18, Shima and Tomat teach a terminal apparatus, wherein the memory stores a plurality of display states associated with the, wherein the plurality of the information indicating the plurality of the file types (see Shima, paragraph 0127), and the controller displays the image data included in the document file on a display of the terminal apparatus, based on the display state associated with the obtained file type (see Shima, paragraph 0249).

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10. As per claim 19, Shima and Tomat teach a terminal apparatus, wherein the display state comprises displaying the image data in the form of a thumbnail (see Shima, paragraph 0169).

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

12. A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ranodhi Serrao whose telephone number is (571)272-7967. The examiner can normally be reached on 8:00-4:30pm, M-F.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on (571)272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


RUPAL DHARIA
SUPERVISORY PATENT EXAMINER